| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
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Application No. 10/714, 666

Examiner

Louis J. Casaregola

Applicant(s); Pidrock et al

Art Unit

3746

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| _ | (Through numeral)<br>Cancelled |
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| 1 | Į. | Non-Elected  |
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|   |    | Interference |

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| Cla  | aim           |     |                | _  | _        | D         | ate       | _         | _        | _        |                |        | CI     | aim      |              | -        |               |            | Date     | <del>,</del>  |               |               | ٦           | 1           | CI.          | aim      | ·          |              |   |          | Dat      |          |                |               | —            |
|--|---------------|-----|----------------|--|----------|-----------|-----------|-----------|----------|----------|----------------|--------|--------|----------|--------------|----------|---------------|------------|----------|---------------|---------------|---------------|-------------|-------------|--------------|----------|------------|--------------|---|----------|----------|----------|----------------|---------------|--------------|
| 1  |               | 1   | - P            |  |          | Τ         | 1         |           |          | Γ        | П              | 1      |        |          |              |          |               |            |          | T             |               |               | $\dashv$    | ı           |              |          | ✝          | Γ-           | Г   | т-'      | 7 21     | ĭ        |                |               | Т            |
| Final  | Original      | 1.  | 3]             | 1  |          |           | -         |           |          |          |                |        | ā      | Original |              |          |               |            |          |               | - 1           |               |             |             | <del>-</del> | Original |            |              | ı   | 1        | 1        |          |                |               |              |
| i E  | [ .g          | ١., | 1              |  |          | -         | - 1       |           |          |          |                |        | Final  | įĝ       |              |          |               |            |          |               | 1             | - 1           |             |             | Final        | igi      |            |              |   |          | 1        |          |                | ı             | 1            |
| _  | 0             | 15  | ·              |  |          | 1         |           |           | Ι,       | 1        | 1              | 1      | u_     | Ιŏ       |              |          |               |            |          | - 1           |               | ı             |             | - 1         | LL.          | ō        | l          |              |   |          | ٠-       |          |                |               | 1            |
| <u> </u>   | $\overline{}$ | 1   | +              | ⊢  | ╁        | -         | -         |           |          | <u> </u> | <del> </del> — | -      |        |          |              | <u> </u> | Ш             |            |          | _             | _             | _             | _           | ļ           |              |          | _          | _            | _   | L        |          |          |                |               | 1            |
| -  | Q             | 1   |                | $\vdash$   | ╀        | - -       |           | _         | _        | L        | <b>!</b> _     | 1 1    |        | 51       | _            | _        | Ш             |            |          | $\perp$       |               |               |             | 1           |              | 101      |            | -            | ļ   | Γ        | Π        | Г        |                |               |              |
| ļ  | 2             | V   |                | 丄  | ┸        | _         | _         | _         |          | L        | _              | ] : [  |        | 52       |              | L        |               |            |          |               |               |               |             | ĺ           |              | 102      |            | $\Box$       | Π   |          | T        |          |                |               | ┢            |
| L  | 3_            | V   |                | L  | $\perp$  | _!_       |           |           |          | L        |                |        |        | 53       |              | Π        |               |            |          | $\neg$        |               |               |             | 1           |              | 103      | $\vdash$   | 1            |   |          | -        | -        |                |               | ┝            |
|  | 4             | 1   | )              |  | П        | Т         | ╗         |           |          |          |                | 1      |        | 54       | T            |          |               |            |          | _             | $\dashv$      | <b>-</b> †-   | _           | - 1         |              | 104      | $\vdash$   |              | _   | -        | -        | -        | -              |               | $\vdash$     |
|  | 5             | 1   | $\overline{x}$ | Т  | Т        | 7         | $\neg$    |           |          |          |                | ¹· · ∣ | _      | 55       | +-           | $\vdash$ |               |            | _        |               | $\dashv$      | -+-           | -           | 1           |              | 105      |            | -            | -   | ├-       | -        | _        |                | <u> </u>      | <b>—</b>     |
|  | 6             | 1   |                | 1  | +        | +         | 一         | -         | -        | $\vdash$ | ╁              | 1111   |        | 56       | ┼─           | -        | -             | •          | $\dashv$ | -             | $\dashv$      |               | -1          | }           |              |          | -          | _            | <u> </u>                                      | <u> </u> | _        | _        |                | <u>_</u>      | _            |
|  | 7             | Н   | +              | +-   | +-       | +         | 十         | -         | -        | ⊢        | -              |        |        | 57       | ╁            | <b>—</b> | -             | -          | -        | -+            | 4             |               | 4:          | $\cdots$    |              | 106      | L          |              | _   | ļ        |          |          |                |               | L            |
|  | 8             | Н   | +-             | ╁╌   | ╁        | +         |           | $\dashv$  |          | -        |                |        |        |          | ↓_           | <u> </u> | $\vdash$      |            | _        | _             | 4             | _             | _           | - !         |              | 107      |            |              |   |          |          |          |                |               | ĺ            |
| -  |               | Н   | ┿              | <del> </del>                                     | ╀        | +         |           |           |          | _        | <u> </u>       |        |        | 58       | <u> </u>     | _        | Ш             |            |          | $\Box$        |               |               | ╝           | - [         |              | 108      |            |              |   |          |          |          |                |               |              |
|  | 9             | Н   | 4              | <u> </u>   | 1        | 4         | _         | _         | Ш        | L        | _              |        |        | 59       |              |          |               |            |          |               |               |               | 7           |             |              | 109      |            |              |   |          |          |          |                |               | $\Box$       |
|  | 10            | Ы   |                | L  | L        | ┸         |           |           |          |          |                | ,      |        | 60       |              |          |               |            |          | П             | П             |               | 7           | Ī           |              | 110      |            |              |   |          | <u> </u> | _        |                | $\neg$        | г            |
|  | 11            | y   |                |  | Γ        | Т         |           |           |          |          |                | 1 :::  |        | 61       |              |          |               |            |          | 寸             | _             | _             | ٦.          | ı           |              | 111      | _          | -            | <u>,                                     </u> | -        | <u> </u> | ┝        |                | $\dashv$      | <del> </del> |
|  | 12            | Z   | 7              |  | Т        | $\top$    |           |           |          | -        | _              |        |        | 62       |              |          | $\vdash$      |            | $\dashv$ | 7             | +             | -             | $\dashv$    |             |              | 112      |            | Н            | Ė   | <u> </u> | -        | -        |                | $\dashv$      | <b>—</b>     |
|  | 13            | 1   |                | 1  | 1        | +         | _         | $\neg$    | $\vdash$ | _        |                | 1 1    | ,      | 63       | ┼            |          | $\vdash$      | -          | $\dashv$ | -+            | $\dashv$      | -             |             | -           |              | 112      |            | Ш            | _   | _        |          | <u> </u> | $\dashv$       |               | <b>—</b>     |
|  | 14            | H   | +              | <del>  -</del>                                   | †        | +         | ᅱ         | ᅱ         | $\vdash$ | H        | $\vdash$       |        |        | 64       | -            | $\vdash$ |               |            |          | $\rightarrow$ | -+            | - -           | 4           | - 1         |              | 113      | $\vdash$   |              | L_  | L        |          | L        | Ш              | _             | <u>_</u>     |
| <del></del>                                      | 15            | ╁┼  | +-             | ┢┈   | ╁        | +         |           |           | -        | _        | -              |        |        |          | 1            | L.       | $\square$     |            | 4        | -             | _             | _             | 4           |             |              | 114      |            |              |   |          |          |          |                | . 1           |              |
| -  |               | ℍ   | +-             | ┥  | ╀        | +         | -         |           | Ш        |          | <b>!</b>       | [ ::   |        | 65       |              | $\sqcup$ | _             | _          | $\dashv$ | 4             |               |               | 4           | :[          |              | 115      |            |              |   |          | L        |          |                | ╗             | Ī            |
| <u> </u>   | 16            | Н   | -              | ┞_   | ┺        | 4         | _         | _         |          |          | L              | .::-:  |        | 66       | L            |          |               |            |          |               |               |               |             |             |              | 116      |            |              |   | Г        |          |          |                |               |              |
| $\vdash \vdash$                                  | 17            | Ц   | _              | 乚  | $\perp$  | $\perp$   | $\sqcup$  | l         |          |          | L              |        |        | 67       |              | $\Box$   | LT            | $\neg$     | $\neg$   | T             | T             | $\neg$        | 7.          |             |              | 117      |            |              |   | -        |          |          | $\dashv$       | $\dashv$      | _            |
| L  | 18            | Ш   | 1_             |  | 1        |           |           |           |          |          |                |        |        | 68       | Π            |          |               |            | $\neg$   | _             | $\neg$        | $\neg$        | †։          | ·           |              | 118      |            |              |   | -        | -        | -        | $\dashv$       | $-\mathbf{i}$ | _            |
|  | 19            | П   | T              | Г  | Т        | Т         | T         | $\neg$    |          |          |                |        |        | 69       | _            | Н        |               | $\dashv$   | -1       | $\dashv$      | +             |               | լ։          | : :}        |              | 119      | -          | -            | -   | _        | _        | _        | -              | $\dashv$      | —            |
|  | 20            | H   | $\top$         |  | 1        | $\dagger$ | $\dashv$  | $\dashv$  |          |          | _              | 1      |        | 70       | 1            | Н        | $\vdash$      | -          | -        | $\dashv$      | +             | +             | -1.         | : :}        |              | 119      | _          |              |   | _        | _        | _        | $\dashv$       | _             |              |
|  | 21            | H   | +              | ╁  | †-       | +         | +         | 一         |          |          | ┝              | 1::1   |        | 71       | ╁            | -        | $\rightarrow$ | -          | +        |               | -             | -             | ⊢՝          | 1           |              | 120      |            | -            |   | L.       | _        |          | _              | _             |              |
| $\vdash$   | 22            | H   | +-             | ├  | ╀╌       | +         | +         | $\dashv$  | -        | _        | ⊢              |        |        |          |              | Н        | -             | 1          | -        |               | -             |               | 4.          | : :[        |              | 121      |            |              |   |          |          |          |                | $\Box$        | i            |
| -  |               | Н   | ╂              | <u> </u>   | ╀        | ╀         | -         |           | -        | _        | <u> </u>       |        |        | 72       | <u> </u>     | Щ        | _             | _          | _        | 4             | 4             |               | _ ։         | ٠. ل        |              | 122      |            |              |   |          |          |          |                | $\neg$        |              |
| $\vdash$   | 23            | Н   | -              | <u> </u>   | -        | 4         | 4         | _         | _        |          | _              | 111    |        | 73       | _            |          |               |            |          |               | _1            |               | _]:         | : :[        |              | 123      |            |              |   |          |          |          | $\neg$         | $\neg$        | _            |
| $\vdash$   | 24            | W   | 4_             | _  | 1_       | _ _       | Ц.        | _         |          |          |                |        |        | 74       |              |          |               |            | _1       | _ [           |               | Т             | ٦.          | : [         |              | 124      |            |              |   |          |          |          |                |               | _            |
|  | 25            | Ц   | _              | L  | 1        | L         |           |           |          |          |                | : .::  |        | 75       |              |          |               | П          |          | $\neg$        | 7             | 7             | 7:          | ऻ           |              | 125      |            |              |   |          |          | _        | $\neg$         | $\dashv$      | _            |
|  | 26            | 8   | 1 -            |  | Γ        | Т         | П         | $\Box$    |          |          |                |        |        | 76       |              |          | $\neg$        | ╗          | 寸        | $\neg$        | 7             | _             | ٦.          |             | _            | 126      |            |              | _   | -        | -        | $\dashv$ | -              | $\dashv$      | _            |
|  | 27            | 1/  | 7              |  | Г        | 1         | 7         | $\exists$ | $\neg$   |          |                |        |        | 77       |              |          | $\dashv$      | 7          | -+       | +             | +             | -             | ⊣։          | `` <b>'</b> |              | 127      |            | $\dashv$     | -   | -        | -        | $\dashv$ |                |               |              |
|  | 28            | -   | 1              | <del>                                     </del> | ✝        | +         | -†        | -1        | $\dashv$ |          | -              |        |        | 78       | -            |          | -             | $\dashv$   |          | +             | +             | +             | -1:         | ``.}        |              | 127      |            | -            | _   | _        | _        | _        |                |               |              |
|  | 29            | -   | +-             | ╢  | ╁        | ╁         | +         | Ŧ         |          | -        |                |        |        |          |              | -        |               | -          |          | -+            | -             |               | 4:          | .           |              | 128      |            | ·            | _   |          |          |          | _              |               |              |
| <del>- 1</del>                                   | 30            | -   | ┿              | -  | -        | +         | -         | -         |          | _        | _              |        |        | 79       |              |          | -             | -          | _        | _             | 4             |               | _ ։         |             |              | 129      |            |              |   |          |          |          | I              | 1             | i .          |
| <del></del> 1                                    |               | -   | ┼—             | ├-   | <b>!</b> | -         | 4         |           | -1       | _        | _              |        |        | 80       | <u> </u>     | $\Box$   |               | _          |          |               | Ц.            |               | Ŀ           |             |              | 130      |            | [            |   |          |          |          | П              | $\neg$        |              |
|  | 31            | _   | ╄              | L  | <u> </u> | 1         | 4         | _         | _        |          |                |        |        | 81       |              |          |               |            |          |               | _1            |               | 1:          |             |              | 131      |            |              |   |          |          |          |                | $\neg$        | _            |
|  | 32            | _   | _              | L  |          |           |           |           |          |          |                |        |        | 82       |              |          | П             | $\neg$     | $\neg$   | Т             | T             |               | 7           | ::          |              | 132      | $\neg$     |              |   |          | $\neg$   |          | _              | $\dashv$      |              |
| L  | 33            |     |                |  |          | Г         | T         |           | П        |          |                |        |        | 83       |              |          | $\neg$        | $\neg$     | 7        | 7             | 7             | _             | 7           |             |              | 133      | $\dashv$   |              | _   |          | $\dashv$ | $\dashv$ | -              |               | _            |
|  | 34            |     | 1              |  |          | Τ         | 1         | 7         |          |          |                |        | _      | 84       |              | $\vdash$ | $\dashv$      | $\dashv$   | -        | +             | -             | -             | -           | ∷⊪          |              |          | -          | -            | $\dashv$                                      | $\dashv$ | -        | -        | -+             |               |              |
|  | 35            |     | 1              | $\vdash$   | 1        | $^{+}$    | +         | -+        | $\dashv$ | -        |                |        |        | 85       | $\vdash$     | $\dashv$ | $\dashv$      | +          | $\dashv$ | ┰             | +             | +             | -           | -  -        |              | 134      |            |              |   | _        | 4        | _        | _              | _             |              |
| $\vdash$   | 36            | _   | +              | <del>                                     </del> | $\vdash$ | +         | +         | -         | $\dashv$ |          | _              |        |        |          | Н            | $\vdash$ |               | -+         | 4        |               | -+            | -             | 4           | ::          | <b></b> ∤    | 135      | _          | _            | _   | _        | _        |          |                |               |              |
| <del>  </del>                                    | 37            | _   | +              | ├  | -        | ╁         | 4         |           |          | $\dashv$ |                |        |        | 86       | Ш            | _        | -             | -          | -        |               | 4             |               | _ ∷         | ::[         |              | 136      | _          |              |   |          |          |          |                |               |              |
| <del>  </del>                                    |               | _   | ┼              | <u> </u>   | ⊢-       | +         | 4         | -1        | _        |          |                |        |        | 87       | Ш            | Ц        | _             | $\dashv$   | _        | 4             | _ _           |               | ٦,          | ΞL          |              | 137      | I          |              | [   | _]       |          | $\neg$   | Т              | $\exists$     |              |
| <del>                                     </del> | 38            |     | 1_             | <u> </u>   | _        | 1         | 4         | _         | _        | _        |                |        |        | 88       |              |          | $_{\perp}$    |            | ┙        |               |               |               |             | :::[        |              | 138      | $\neg$     | Ī            |   |          |          | ᅥ        | 7              | $\dashv$      |              |
|  | 39            |     | <u> </u>       |  | _        | ┸         | $\perp$ L |           |          |          |                | 1.3    | Î      | 89       | i            |          |               |            |          | T             | Т             |               | ٦.          | ा           |              | 139      | $\neg$     | 寸            | $\neg$  | _        |          | 7        | $\dashv$       | -             |              |
|  | 40            |     |                |  | L        | Ī         | _[        | _T        | T        |          |                | .      |        | 90       |              |          | $\exists$     |            |          | T             | 7             | _             | ٦.          | ٠,۲         | _            | 140      | -          | +            | $\dashv$                                      | $\dashv$ | -        | ᅱ        | $\dashv$       | $\dashv$      | —            |
| ╚  | 41            |     |                |  | Ι        | T         | 7         | 寸         |          | $\neg$   |                |        |        | 91       | $\vdash$     |          | 7             | 寸          | _        | ╁             | 十             | - -           | ۱,,         | }           |              | 141      | $\dashv$   | -            |   |          |          | -        | +              | $\dashv$      |              |
|  | 42            |     | Τ              |  | T        | T         | 7         | ヿ         | -        | $\dashv$ |                | ·      |        | 92       | $\vdash$     | $\dashv$ | $\dashv$      |            | $\dashv$ | +             | +             | +             | 4:          | -:}-        |              | 171      | -          |              |   | 4        | _        |          | 4              |               |              |
|  | 43            | _   | $\vdash$       | _  | 1        | ╈         | ╅         | 寸         | 7        | ᅱ        | _              |        |        | 93       |              |          | -             | -          | -+       |               |               | -             | Ⅎ┄          | :           |              | 142      | <b>—</b> Į | -            | _   |          | _        | _        |                | _             | _            |
|  | 44            | _   | +-             | -  | -        | +         | +         | +         | $\dashv$ | -1       |                | ٠      |        |          | $\vdash$     |          | -             | -          | -+       | _             | 4             |               | <u> </u>  : | :L          |              | 143      | _          | $\dashv$     | _1  | _        |          | 丄        |                |               |              |
| $\vdash$   |               |     | <del> </del>   | -  | -        | +         | +         | -+        |          | -4       |                |        |        | 94       | $\sqcup$     | _        |               | _          | 4        | _             |               |               | 1           | L           | 1            | 144      |            |              | _   | [        | _[       |          | Т              | T             |              |
| $\vdash \vdash \downarrow$                       | 45            |     | <del> </del>   | <u> </u>   | $\vdash$ | 4-        | 4         | _         | 4        | _        |                |        |        | 95       | $\sqcup$     |          |               | $\perp$    |          | ┙             | $\Box$        | ╧             | Ŀ           | ٦.,         | T            | 145      | $\neg$     | $\neg$       | $\neg$  |          |          | $\neg$   | $\neg$         | 寸             | _            |
| <b>  </b>  | 46            |     | 1_             |  | L        | 1         | $\perp$   |           |          |          |                |        | ]      | 96       |              | T        |               |            | T        | Τ             | T             | 7             | 1           | : .[        | $\neg \neg$  | 146      | $\neg$     | $\dashv$     | $\dashv$                                      | -        | _        | $\dashv$ | +              | $\dashv$      |              |
| لــــا   | 47            |     |                |  | i        | 1         |           | ŗ         |          | Ī        |                | . : 1  |        | 97       |              |          |               | 1          | 1        | 1             | -:-           | $\neg \vdash$ | 1           | :           |              | 147      | -          | +            |   |          | !        | {        |                | $\dashv$      |              |
|  | 48            | _   |                |  | Γ        | Τ         | T         |           |          |          |                |        |        | 98       |              | i        | <u>-</u> -    | : <u>-</u> | - í      | 1             | <del> -</del> | -+-           | 1           |             |              | 148      |            | <del> </del> | ;   |          | ¦        |          | <del>i</del> - |               |              |
|  | 49            |     |                |  |          | T         | 7         | 7         | _        | -        | $\neg$         |        | $\neg$ | 99       | $\vdash$     | ᆉ        | $\dashv$      | ╛          | +        | +             | 十             |               | ١.          | ·ŀ          |              | 140      |            |              |   |          |          | -        |                | -             |              |
|  | 50            |     | 1              | _  | H        | T         | +         | +         | -+       | $\dashv$ |                |        |        | 100      | $\vdash$     |          |               | +          | $\dashv$ | +             | +             |               | 4::         |             |              | 149      | _          | _            | _   | _4       | _        | _        | 4              | 4             | '            |
|  |               |     |                | <u> </u>   | Ц_       | ٠.        | Щ,        |           | _1       |          |                |        |        | ועט      | $oxed{oxed}$ |          | ı             | - 1        | - 1      | - 1           | H             | - 1           | -187        | : 1         |              | 150      | - 1        | - 1          | - 1   | - 1      | - 1      | - 1      | - 1            | - 1           |              |